Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A gray-scale representation method for a plasma display panel, comprising:

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arranging, in time sequence, a plurality of subfields each having a brightness weight, and achieving gray-scale representation by a combination of one or more of the plurality of subfields, the gray-scale representation including a plurality of gray scales of increasing value, every two adjacent gray scales including a higher gray scale of a first value and a lower gray scale of a second value, the second value being ~~higher~~ lower than the first value, each subfield of the plurality of subfields including an address period and a sustain period, an address pulse capable of generating light being provided during the address period and sustain pulses capable of generating light being provided during the sustain period; and

determining the number of sustain pulses for each subfield so that a difference between a light generated from the sustain pulses of the subfields combining to form the higher gray scale and a light generated from sustain pulses of the subfields combining to form the lower gray scale is greater than a light generated during one address period when a number of subfields of the higher gray scale of the two adjacent gray scales is less than a number of subfields of the lower gray scale of the two adjacent gray scales.

2. (Currently Amended) The gray-scale representation method as claimed in claim 1, wherein the number of sustain pulses of a subfield of the subfields having a brightness weight of 1 is determined as zero so that a light for a minimum gray scale including the subfield having a brightness weight of 1 corresponds to the light discharged in the address period.

3. (Previously Presented) The gray-scale representation method as claimed in claim 1, wherein the number of sustain pulses for each subfield is determined so as to make the